



5440

EPDM

This data sheet property values are typical of the material and are intended to provide guidance to customers; they do not constitute a specification and should not be used for specification development.

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| Item | Specs | | Test Method |
|--|--|-----|---------------------------|
| Grade | 2A2 / RE42 | | ASTM D 1056 |
| Density (PCF) (kg/m ³) | 6.2 – 8.7 PCF 100 – 140 kg/m ³ | | ISO 845-88 ASTM D 3575 |
| Compression Deflection @25% (CFD) (psi) (kPa) | 5 psi @25% 10.1 psi @50% 35 kPa @ 25% 70kPa @ 50% | | ASTM D 1056/85 |
| Shore Hardness OO (Durometer) | 45 – 55 | | ASTM D 2240 |
| Compression Set (%) | 12% @ 25% 18% @ 50% | | ASTM D 395 |
| Tensile Strength (psi) (kPa) | 65.2 psi 450 kPa | | ASTM D 412 |
| Elongation % | >150% | | ASTM D 412 |
| Tear Strength Resistance (lb/in) | 16 | | ASTM D 624 |
| Water Absorption by Weight % | 0.13 | | ASTM D 1056 |
| Accelerated Age Testing: 7 days @ 70°C Change in CFD% | <5% | | ASTM D 1204 |
| Service Temperature (°F)(°C) | °F | °C | ASTM D 3575 |
| Low | -40 | -40 | |
| High | 203 | 95 | |
| High intermittent | 266 | 130 | |
| Flame Resistance | Pass | | FMVSS 302 |
| Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications; | WSK-M2D-419-A Type 3 FMVSS302 VW 50180 | | |

The data on this technical data sheet should be used as a guideline for product selection. This data is not intended to represent, replace or be used as a proxy for a specific product sales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.